

Title (en)  
SHARED PDU SESSION ESTABLISHMENT AND BINDING

Title (de)  
AUFBAU UND BINDUNG EINER GEMEINSAMEN PDU-SITZUNG

Title (fr)  
ÉTABLISSEMENT ET LIAISON DE SESSION DE PDU PARTAGÉE

Publication  
**EP 4243466 A3 20231101 (EN)**

Application  
**EP 23183385 A 20181212**

Priority  
• US 201762599306 P 20171215  
• US 201816210216 A 20181205  
• EP 18888134 A 20181212  
• CN 2018120438 W 20181212

Abstract (en)  
A network function and a method for associating a UE of a UE group to a PDU session with in a CN. The NF establishes a shared PDU session for the UE group before all of the UEs in the UE group register with the CN and binds a UE that has not yet registered with the CN to the shared PDU session when the UE registers with the CN, provided the UE will share at least one of a UL UP connection and a DL UP connection associated with the shared PDU session. The NF may be an SMF.

IPC 8 full level  
**H04W 48/08** (2009.01); **H04W 8/08** (2009.01); **H04W 8/18** (2009.01); **H04W 76/11** (2018.01); **H04W 76/12** (2018.01); **H04W 60/04** (2009.01); **H04W 60/06** (2009.01); **H04W 76/22** (2018.01)

CPC (source: EP US)  
**H04W 4/08** (2013.01 - US); **H04W 8/186** (2013.01 - EP US); **H04W 60/00** (2013.01 - US); **H04W 76/10** (2018.01 - US); **H04W 76/11** (2018.01 - EP); **H04W 76/12** (2018.01 - EP); **H04W 8/08** (2013.01 - EP US); **H04W 60/04** (2013.01 - EP US); **H04W 60/06** (2013.01 - EP US); **H04W 76/22** (2018.01 - EP)

Citation (search report)  
• [A] WO 2012050368 A2 20120419 - SAMSUNG ELECTRONICS CO LTD [KR], et al  
• [A] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.501, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V1.6.0, 14 December 2017 (2017-12-14), pages 1 - 184, XP051391955  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10736155 B2 20200804**; **US 2019191467 A1 20190620**; CN 111480366 A 20200731; CN 111480366 B 20210921; EP 3718343 A1 20201007; EP 3718343 A4 20210127; EP 4243466 A2 20230913; EP 4243466 A3 20231101; US 11412556 B2 20220809; US 11711858 B2 20230725; US 2020367297 A1 20201119; US 2022353928 A1 20221103; WO 2019114722 A1 20190620

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**US 201816210216 A 20181205**; CN 2018120438 W 20181212; CN 201880080715 A 20181212; EP 18888134 A 20181212; EP 23183385 A 20181212; US 202016945376 A 20200731; US 202217864919 A 20220714